

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	AMENDMENT	KCB ORDER NUMBER	APPROVAL
QSS Group, Inc.	NASS- 99124 92		563-616-31-91 -89	99

TASK TITLE: (NTE 80 characters; include Project name)

Destructive Physical Analysis of 12 Ah NiCd for GOES Spacecraft.

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Thomas Yi <i>Thomas Yi</i>	5/18/99	563	563	301-286-5070
BRANCH HEAD	DATE	CODE		PHONE
Marlon Enciso <i>Marlon Enciso</i>	5/18/99		563	301-286-5845
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Robert Lebar <i>Robert Lebar</i>	5/20/99		560	301-286-6382
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Larry Moore			

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: MAY 20 1999

Contractor will develop specification or statement of work under this task for a future procurement.	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES
Flight hardware will be shipped to GSFC for testing prior to final delivery.	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> N/A
Government Furnished Property/Facilities:	<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES - SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)
Onsite Performance:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES If yes: <input type="checkbox"/> TOTAL <input type="checkbox"/> PARTIAL If partial, indicate onsite work in SOW by asterisk (*)
Surveillance Plan Attached:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be May 20, 1999.

INCENTIVE FEE STRUCTURE (check one)
(See Contract NASS-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	No. 3	<input checked="" type="checkbox"/> No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 15,614.

The target fee of this task order is \$ 119.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 15,733.

The maximum fee is \$ 174.

The minimum fee is \$0.

AUTHORIZED SIGNATURE

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Lorrie L. Eakin

SIGNATURE OF CONTRACTING OFFICER

9/27/99

DATE

Lorrie L. Eakin
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.

NAS5-
99124

92

Applicable paragraphs from contract Statement of Work:

Function 2.D.7

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall provide services to perform Destructive Physical Analysis (DPA) of One (1) NiCd cell for the GOES Program. The DPA shall consist of pre-electrical characterization, followed by opening and inspection of cell components, and analyses (electrical, chemical, and metallographical) of the cell components.

The ATR will provide to the contractor the DPA cell as Government Furnished Property. The cell is a 12Ah NiCd cell received from Space Systems/Loral, in a discharged, shorted condition. Its serial number is 0009, and part number, 571653-02.

The contractor shall provide the following services:

Perform pre-electrical characterization test

- Provide cell capacities at 20, 10 and 0 degrees C.
- Perform Charge retention test at 20 degrees C.

Prior opening the cell, present electrical performance data from the pre-electrical characterization test to ATR and/or his representative.

Open cells

- Notify ATR of the cell open date and time
- Take Photographs of cell components as the cell is opened
- Inspect each component within the plate stack, inner case of cell, and cell terminals
- Perform analyses of cell components
- electrical, chemical, and metallographical analyses

The contractor shall present the results from the pre-electrical characterization test to the ATR within 72 hours of the completion. The contractor shall notify the ATR of cell opening date and time 72 hours prior to the event.

The contractor shall submit a written status report to the ATR every 2 weeks.

Upon completion of the DPA, the contractor shall submit a final report to the ATR within 21 days.

The report shall include the contractor's technical recommendation on whether the cell is considered to be flightworthy for the GOES Program.

PERFORMANCE SPECIFICATIONS:

All plans and testing under this task are to be produced and performed using aerospace cell testing Practice.

APPLICABLE DOCUMENTS:

None

TASK END DATE:

~~XXXXXX~~ September 30, 1999

MILESTONES/DELIVERABLES AND DATES:

Pre-electrical characterization test results	Within 72 hours of the completion
Cell opening date and time	Within 72 hours prior to the event
Complete DPA	Within 3 months of receipt of cell by the contractor
Bi-weekly status report	Every 2 weeks
Interim Report	Within 10 days after completion of DPA
Final Report	Within 21 days after completion of DPA

PERFORMANCE STANDARDS:

Schedule: On-time delivery of the above.
Technical: ATR's acceptance of the above.

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Thomas Yi, Building 20, Rm 154